

## Patent Abstracts of Japan

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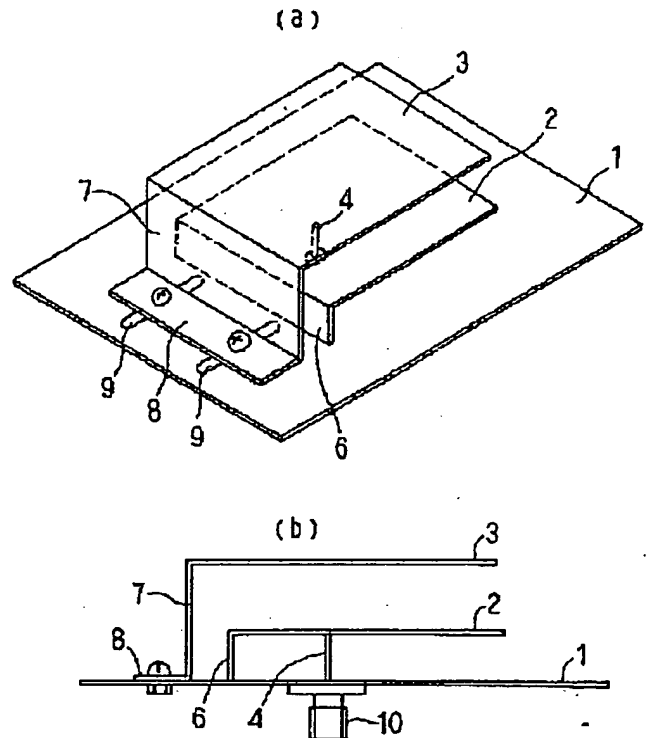
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TITLE : ANTENNA DEVICE



**ABSTRACT :** **PURPOSE:** To provide a double resonance type antenna with which even a rough experiment is effective to decide its size and the desired impedance characteristic is secured even if the impedance characteristic is not identical with the desired one due to the influence of an environment, etc.

**CONSTITUTION:** A fed plate-shaped radiation conductor element 2 and a non-fed additional conductor plate 3 are laminated on the upper part of an earth conductor plate 1. Then a short circuit conductor element 6 and a short circuit conductor plate 7 are connected to the plate 1 separately from each other at the same end of the element 2 and the plate 3 respectively. A position adjustment means varies the relative position between the short circuit end connected to the plate 1 of the element 2 and that connected to the plate 1 of the plate 3. Thus the coupled variable of electromagnetic field is variable between the element 2 and the plate 3.

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